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中国嵩草属新分类群*

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New taxa of *Kobresia* Willd. (Cyperaceae) from China

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关键词 嵩草属; 粉绿嵩草; 匍茎嵩草; 近蕨嵩草(新变种); 新分类群; 中国

1 粉绿嵩草 新种 图1

Kobresia glaucifolia Wang et Tang, in herb., sp. nov. (Sect. Elyna). Fig. 1

Affinis *K. cuneatae* Kükenth., quae inflorescentiis ad 9～12 mm crassis, prophyllis 6～8 mm longis, plurinervibus, foliis flaccidis differt.

Rhizoma caespitosum. Culmus 25～50 cm altus, 2 mm crassus, cylindricus, laevis, rigidus, ad basin vaginis vetustis fuscis obtectus. Folia culmo breviora, canaliculato-plana, 2 mm lata, rigida. Spicula cylindrica, 2.5～3 cm longa, 6～7 mm crassa, multi- et densiflora, basi interdum ramosa; spiculae partiales numerosae, oblongae, 6 mm longae, terminales ⚥, pluriflorae; laterales androgynae, flos basilaris ♀ et flores superiores 1～7 ⚥. Squamae ovato-oblongae, 4～5 mm longae, chartaceae, castaneo-brunneae, dorso virides, 1～3 nerves, apice obtusae aristatae. Prophyllum oblongum, 4.2～5 mm longum, chartaceum, inferne albidum, superne castaneo-brunneum, marginie fere liberum, dorso bicarinatum, enerve, apice truncatum vel emarginatum. Nux obovato-oblonga, 3 mm long, trigona, brunnea, apice in rostrum breve conicum subito constracta. Stylus basi aequalis. Stigmata 3.

Xizang(西藏): Nyalam(聂拉木), Xiaogulinyin(小古林饮), 1975-06-20, Group. Veget. Exped. Qinghai-Xizang.(青藏队植被组)4229(holotypus, PE); eodem loco, Boxi(波西), 1975-06-25, Group. Veget. Exped. Qinghai-Xizang. 4168(PE).

根状茎丛生。秆高25～50 cm,粗约2 mm,圆柱形,平滑,坚挺,基部具暗褐色的宿存叶鞘。叶短于秆,对折,有沟,宽约2 mm,坚挺。小穗圆柱形,长2.5～3 cm,粗6～7 mm,具多数密生的花,基部有时有分枝;支小穗多数,长圆形,长约6 mm,顶生的雄性,具多数花,侧生的雄雌顺序,在基部雌花之上,具1～7朵雄花。鳞片卵状长圆形,长4～5 mm,纸质,栗褐色,背部绿色,具1～3条脉,顶端钝,有芒。先出叶长圆形,长4.2～5 mm,纸质,下部白色,上部栗褐色,边缘分离,背部具2脊,无脉,顶端截形或微凹。小坚果倒卵状长

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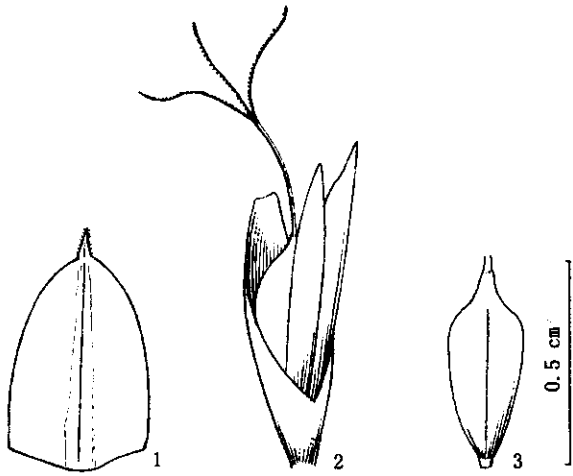

图1 粉绿嵩草 1. 鳞片；2. 侧生支小穗(雄雌顺序)；3. 小坚果。(蔡淑琴 绘)
Fig. 1 *Kobresia glaucifolia* Wang et Tang 1. Scale; 2. Lateral spikelet; 3. Nut.

圆形，长约3 mm，三棱形，褐色，顶端骤缩成圆锥状的短喙。花柱基部不增粗，柱头3枚。

本种与截形嵩草 *K. cuneata* Kükenth. 接近，区别在于后者的花序粗达9～12 mm；先出叶长达6～8 mm，有多数脉；叶柔软。

2 匍茎嵩草 新种 图2

Kobresia stolonifera Y. C. Tang, in herb., sp. nov. (Sect. Elyna). Fig. 2

Kobresia macrantha auct. non. Böcklr.: Y. C. Yang in Fl. Xizang. 5: 388. 1987, pro max. p., excl. fig. 220.

Affinis *K. macranthae* Böcklr., quae foliis planis 1～2 mm latis, inflorescentiis spicato-paniculatis, prophyllis membranaceis 2.5～3 mm longis, nucibus late ovatis differt.

Rhizoma tenue et longe repens. Culmus gracilis, 6～28 cm altus, 0.6～0.7 mm crassus, flaccidus, obsolete triqueter, laevis, ad basin vaginis vetustis brunneis obtectus. Folia culmo breviora, filiformia, debilia, 0.5～0.7 mm lata, canaliculata. Spica simplex, elliptica vel ovato-elliptica, 1～2 cm longa, 5～8 mm crassa; spiculae partiales paucae et densae; terminales ⚥, laterales androgynae 2～11-florae(flos ♀ basilaris, flores superiores 1～10 ⚥). Squamae oblongae, 5.5～8 mm longae, subcoriaceae, brunneae vel castaneo-brunneae, margine albo-hyalinae, dorso virides, 1～3 nerves, apice acuminatae. Prophyllum anguste ellipticum, 5～7 mm longum, subcoriaceum, inferne flavido-albidum, superne brunneum vel castaneo-brunneum, margine non nisi basi connatum superne liberum, glabrum, dorso bicarinatum, 1～2 nerve. Nux oblonga, 1.5 mm longa, lentiformis, atrocano-brunnea, basi longe stipitata, apice rotunda, erostrata. Stylus brevis, basi aequalis. Stigmata 2.

Xizang(西藏): Baingoin(班戈), orient. Baingoin lacus(班戈湖东), alt. 4550 m, in arenoso vallis rivuli, 1961-08-20, J. T. Wang (王金亭)3665(holotypus, PE); Gar(噶尔),

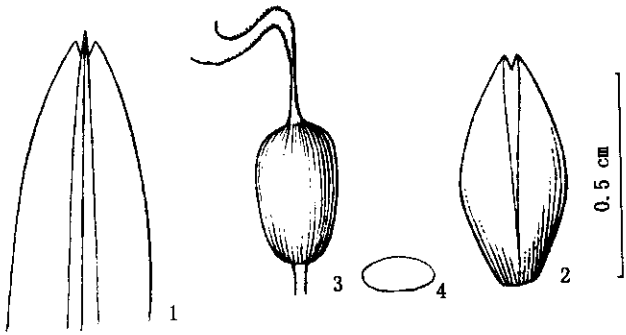

图 2　匍茎嵩草　1. 鳞片；2. 先出叶；3. 小坚果；4. 小坚果的横切面。(蔡淑琴 绘)
Fig. 2　*Kobresia stolonifera* Y. C. Tang　1. Scale; 2. Prophyll; 3. Nut; 4. Transverse section of nut.

prope Menshi(门士), alt. 4530 m, in fruticibus prati alpini, 1976-07-09, Group. Veget. Exped. Qinghai-Xizang. (青藏队植被组)13249(PE); Gêrzê(改则), alt. 4500 m, in pratis alpinis, 1976-09-09, K. Y. Long(郎楷永)10187(PE); Shuanghu(双湖), alt. 4500 m, in pratis alpinis, 1976-07-24, K. Y. Long 9824(PE); Gegya(革吉), alt. 4800～5000 m, in pratis alpinis, 1976-08-20, Group. Veged. Exped. Qinghai-Xizang. 13514(PE).

根状茎细长而匍匐。秆纤细，高 6～28 cm，粗 0.6～0.7 mm，柔软，钝三棱柱形，平滑，基部具褐色的宿存叶鞘。叶短于秆，丝状，柔软，宽 0.5～0.7 mm，有沟。穗状花序简单，椭圆形或卵状椭圆形，长 1～2 cm，粗 5～8 mm；支小穗少数，密生；顶生的雄性，侧生的雄雌顺序，有 2～11 朵花(在基部雌花之上有 1～10 朵雄花)。鳞片长圆形，长 5.5～8 mm，近革质，褐色或栗褐色，边缘白色膜质，背部绿色，有 1～3 条脉，顶端渐尖。先出叶狭椭圆形，长 5～7 mm，近革质，下部黄白色，上部褐色或栗褐色，边缘仅基部连合，上部分离，无毛，背部具二脊，有 1～2 脉。小坚果长圆形，长 1.5 mm，双凸状，暗灰褐色，基部具长柄，顶端圆，无喙。花柱短，基部不增粗。柱头 2 枚。

本种与大花嵩草 *K. macrantha* Böcklr. 接近，区别在于后者的叶扁平，宽 1～2 mm，花序为穗状圆锥花序；先出叶膜质，长 2.5～3 mm；小坚果宽卵形。

3　近蕨嵩草　新变种

Kobresia filicina (C. B. Clarke) C. B. Clarke var. **subfilicinoides** P. C. Li, var. nov. (Sect. Hemicarex).

A var. *filicina* differt foliis planis 2～3 mm latis, inflorescentiis longioribus.

Yunnan(云南): Zhenkang(Chengkong 镇康), in jugo nicis, alt. 1935 m, in pratis rupestribus declivibus, 1939-08-03, T. T. Yu(俞德浚)17145(holotypus, PE).

与原变种的区别在于叶扁平，宽 2～3 mm；花序较长。

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